

30

DEVICE TIP ASSEMBLY

ASPIRATION ASSEMBLY

AGENT DELIVERY ASSEMBLY

10

20

FIGURE 1

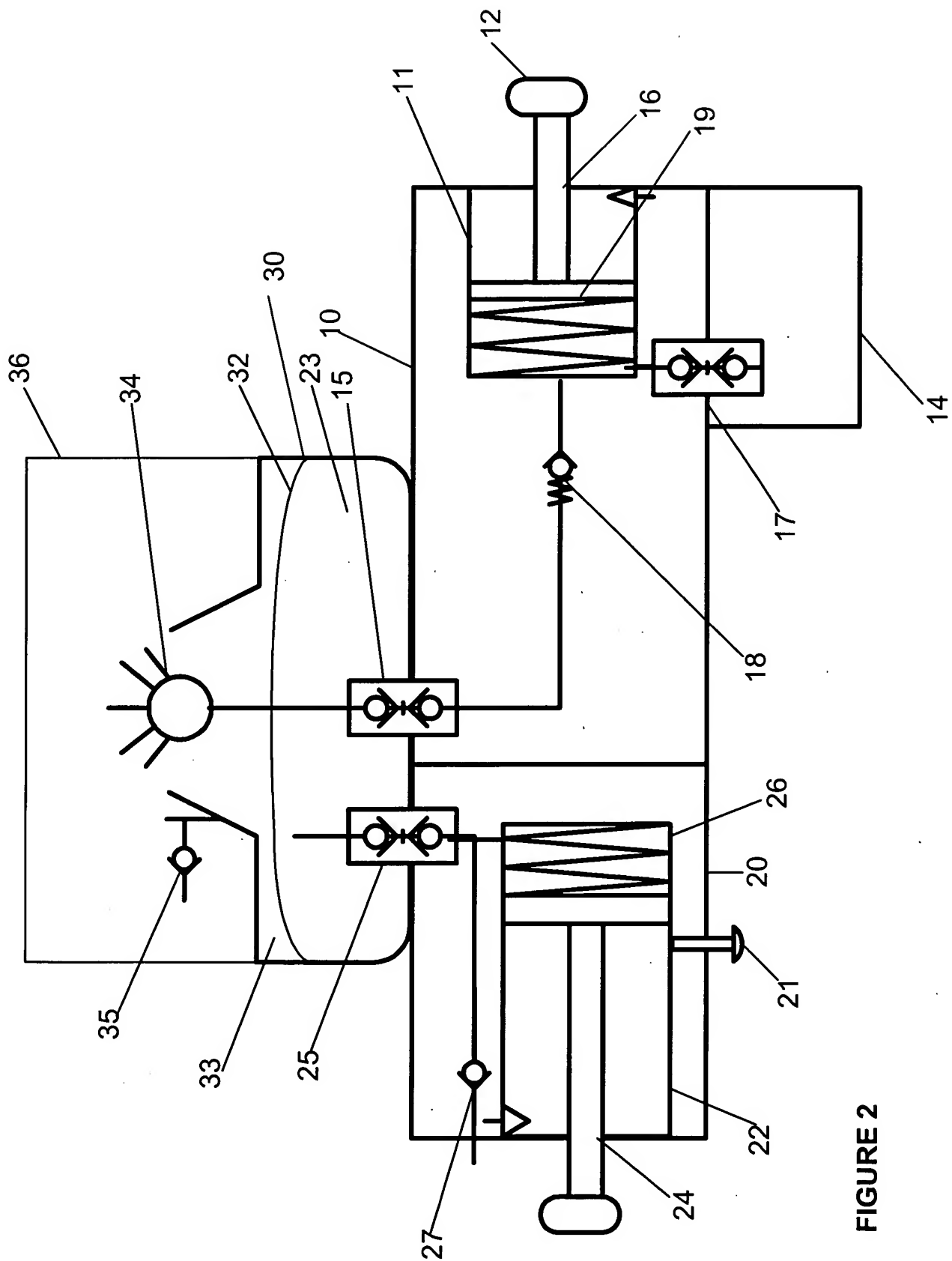


FIGURE 2

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graph TD; 40[Prime aspirating assembly] --> 41[Actuate aspirating assembly]; 41 --> 42[Deliver agent to orifice via spray tip]; 42 --> 43[Vent excess pressure]; 43 --> 44[Apply negative pressure to orifice]; 44 --> 45[Store aspirated agent and orifice contents];
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The flowchart illustrates a five-step process for aspirating and storing agent and orifice contents. The steps are numbered 40 through 45, with the numbers 40-45 placed to the right of the corresponding process boxes. The steps are: 40 Prime aspirating assembly, 41 Actuate aspirating assembly, 42 Deliver agent to orifice via spray tip, 43 Vent excess pressure, 44 Apply negative pressure to orifice, and 45 Store aspirated agent and orifice contents. The process begins with step 40, followed by step 41, then step 42, then step 43, then step 44, and finally step 45.

40 Prime aspirating assembly

41 Actuate aspirating assembly

42 Deliver agent to orifice via spray tip

43 Vent excess pressure

44 Apply negative pressure to orifice

45 Store aspirated agent and orifice contents

FIGURE 3

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graph TD; 40[Prime aspirating assembly] --> 41[Actuate aspirating assembly]; 41 --> 42[Deliver agent to orifice via spray tip]; 42 --> 44[Apply negative pressure to orifice]; 44 --> 45[Store aspirated agent and orifice contents];
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The flowchart illustrates a five-step process for aspirating and storing agent and orifice contents. The steps are numbered 40 through 45. Step 40 is 'Prime aspirating assembly'. Step 41 is 'Actuate aspirating assembly'. Step 42 is 'Deliver agent to orifice via spray tip'. Step 44 is 'Apply negative pressure to orifice'. Step 45 is 'Store aspirated agent and orifice contents'. The steps are connected by arrows indicating a sequential flow. There is an additional label 'Draw agent into delivery chamber' between steps 40 and 41, and 'Optional time delay' between steps 42 and 44, both in bold text.

40 Prime aspirating assembly

Draw agent into delivery chamber

41 Actuate aspirating assembly

Deliver agent to device tip assembly

42 Deliver agent to orifice via spray tip

Optional time delay

44 Apply negative pressure to orifice

Aspirate agent and orifice contents into device tip assembly

45 Store aspirated agent and orifice contents

FIGURE 4

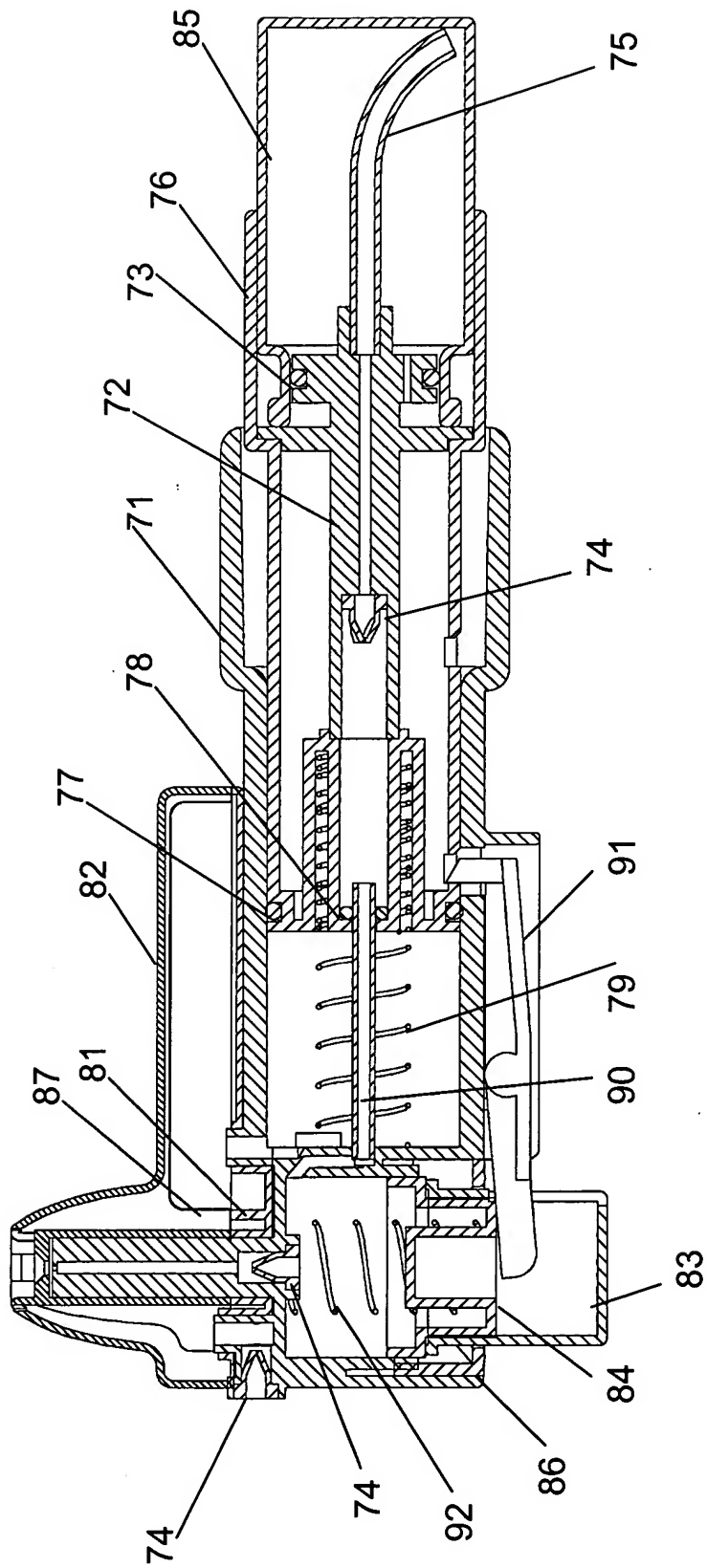


FIGURE 5

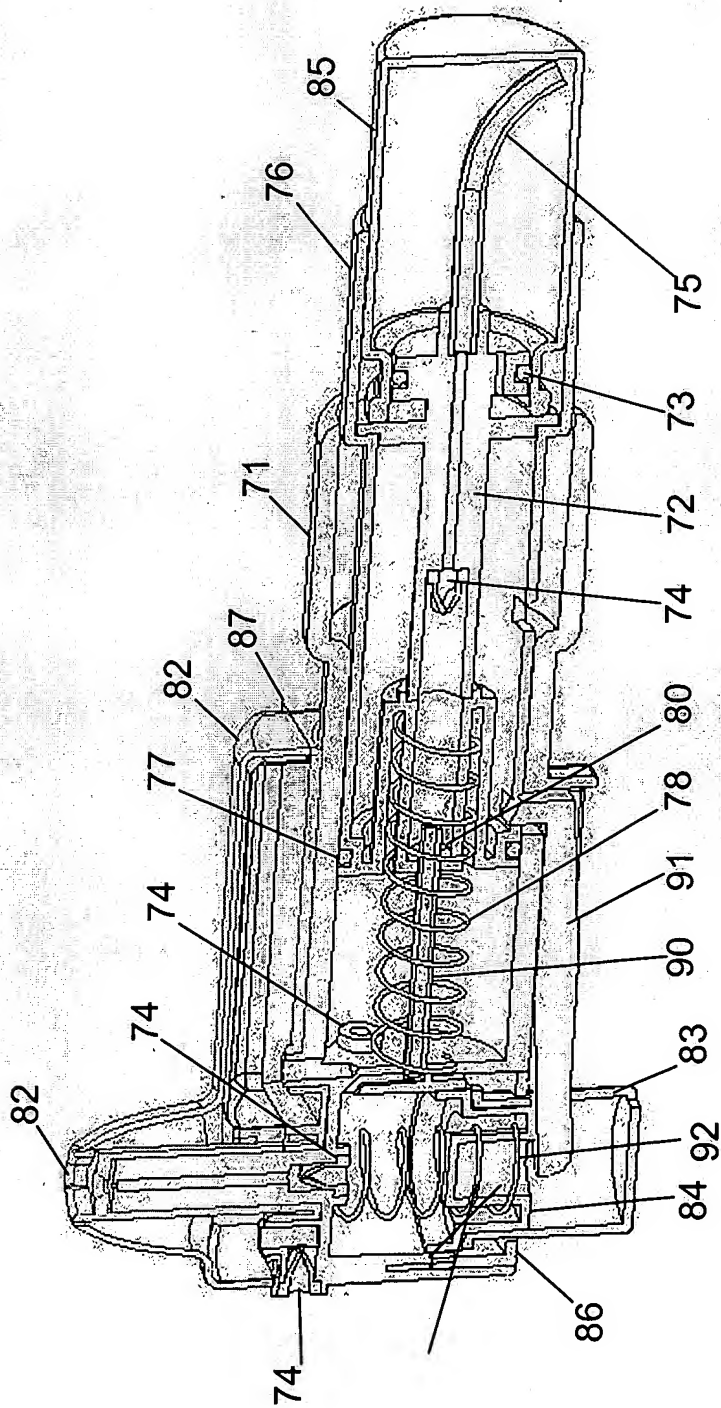


FIGURE 6

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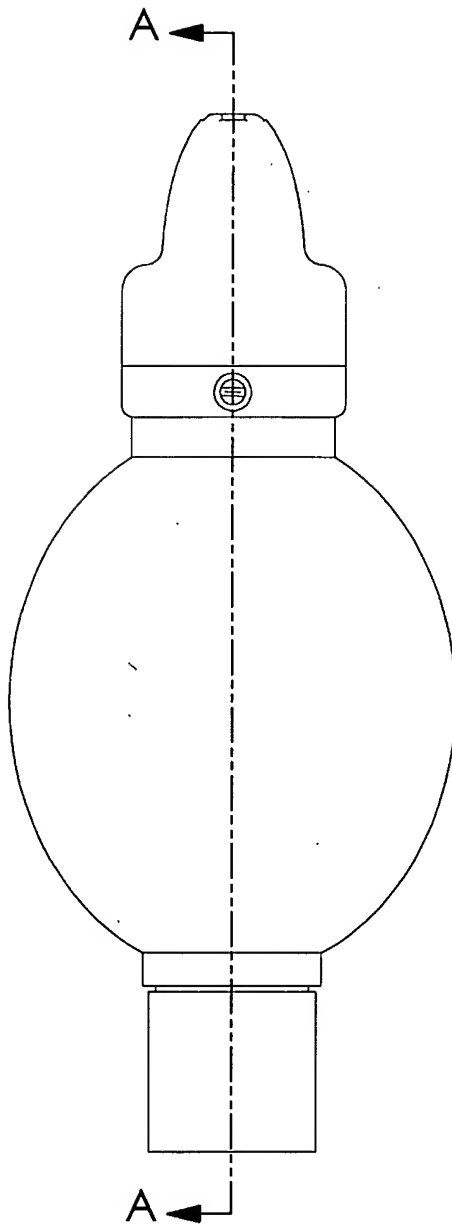
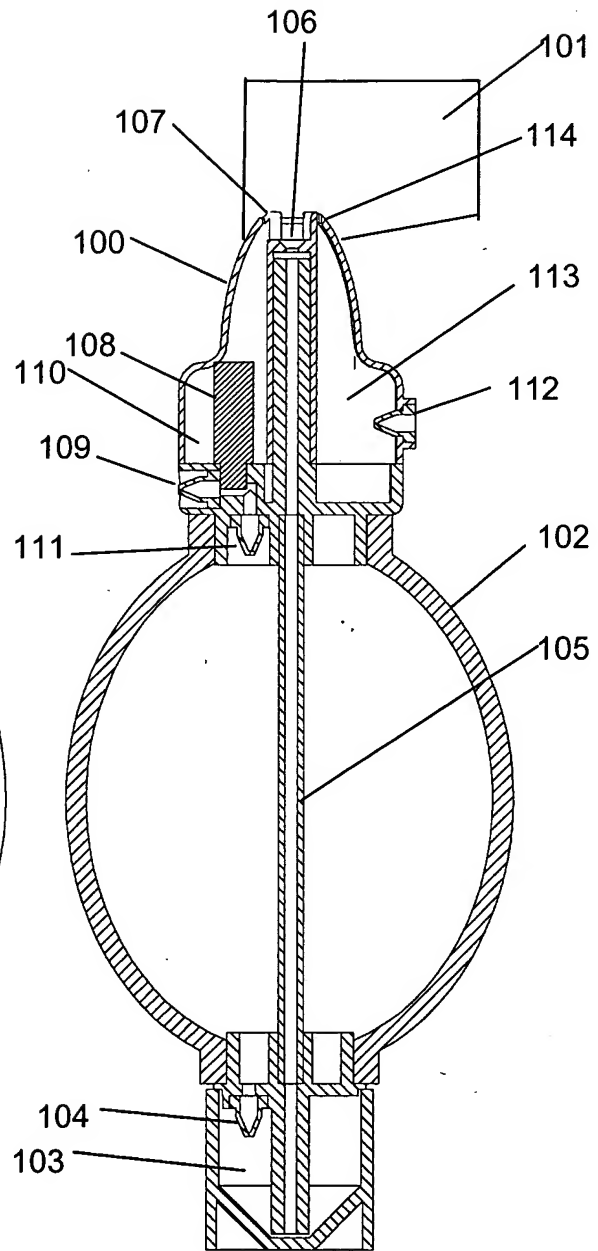


FIGURE 7A



SECTION A-A

FIGURE 7B

FIGURE 8B

A cross-sectional view of a medical device assembly 130. The assembly includes a rectangular component 132 at the top, a bulbous component 134 in the middle, and a base component 138 at the bottom. A central vertical shaft 136 passes through the center of the assembly. The bulbous component 134 has a textured outer surface. The base component 138 is shown in cross-section with diagonal hatching.

FIGURE 9B

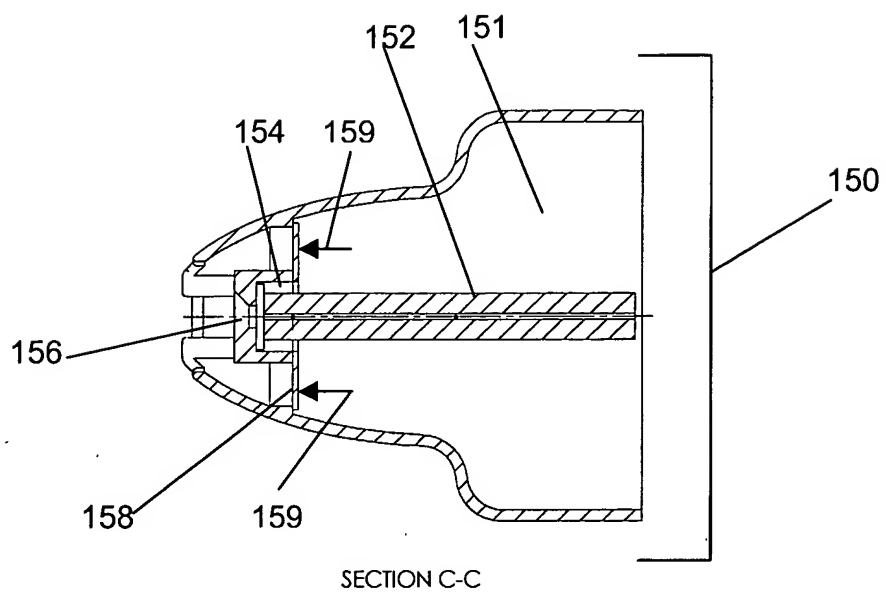


FIGURE 10A

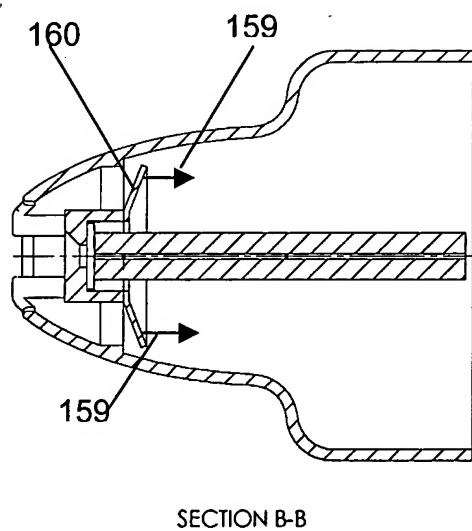


FIGURE 10B